SOLAR RADIO NOISE STORM AT 150.9 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2006

	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
05/12/06*	-0.93	-0.68	I	8H11 E	15H11 D
11/12/06*	-0.05	-0.09	II	8H14 E	15H33 D
12/12/06*	+0.37	-0.00	I	8H40 E	14H43 D
13/12/06*	+0.52	-0.07	III	8H53 E	14H50 D
14/12/06*	+0.71	-0.18	II	8H31 E	15H16 D
15/12/06*	+0.85	-0.15	III	8H40 E	13H31 D
16/12/06*	+1.15	-0.01	I	9H30 E	15H17 D
17/12/06*	+1.34	+0.31	I	11H49 E	15H17 D

EDITOR'S NOTE: Due to a new national radio frequency regulation decision, Nancay recently changed the observing frequencies of the Nançay Radioheliograph. Since the 1st December, 2006, we use 150.9 MHz instead of 164 MHz. Science should not be affected, as the solar radio emissions are almost identical at these 2 frequencies.

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

² IMP1: FLUX< 5 SFU IMP2: 5< FLUX < 20 SFU IMP3: 20< FLUX <100 SFU IMP4: 100< FLUX <300 SFU IMP5> 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS

D NOISE STORM IN PROGRESS AT THE END OF THE NANCAY OBSERVATIONS

SOLAR RADIO NOISE STORM AT 327 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2006

	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
DAY	E-W	S-N		START(UT)	END(UT)
02/12/06	+0.37	-0.24	I	8H13 E	15H11 D
05/12/06	-1.02	-0.21	П	8H11 E	15H11 D
11/12/06	+0.13	-0.22	Ι	8H14 E	15H33 D
12/12/06	+0.38	-0.11	II	8H40 E	14H43 D
13/12/06	+0.55	-0.17	II	8H53 E	14H50 D
14/12/06	+0.72	-0.06	I	8H31 E	15H16 D
15/12/06	+0.91	-0.10	II	8H40 E	13H31 D
31/12/06	-0.94	-0.25	I	8H23 E	15H24 D

NO DATA – observations made every day.

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionopheric gravity waves are observed during the whole day. Without a more detailed analysis, leading to decreased uncertainties in the deviation, the positions which are indicated are estimated within 0.2 R
- ** Following a large burst
- *** importance not well determined due to the proximity off the very strong other source
- **** no flux measurements available